

1. PRODUCT AND COMPANY IDENTIFICATION**NAME: RECLAIM COLORED LINEN****USE:** OXYGEN LAUNDRY BLEACH**LABEL BRAND: U S CHEMICAL****MSDS # FM009422C CODE # 5948116**

US CHEMICAL, 316 HART STREET, WATERTOWN, WI 53094 USA
MEDICAL EMERGENCY #: 1-866-923-4913 USA
SPILL EMERGENCY #: 1-800-424-9300 USA
PRODUCT INFORMATION #: 1-800-558-9566 (8 A.M. TO 5 P.M. CST MONDAY TO FRIDAY)
INTERNET ADDRESS: WWW.USCHEMICAL.COM
REVIEWED 7-2-13 REVISED 7-2-13 SECTION REVISED: 1

2. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW:**

DANGER. CORROSIVE TO EYES. CAUSES EYE BURNS. CAUSES SKIN IRRITATION. HARMFUL OR FATAL IF SWALLOWED. HARMFUL IF INHALED. OXIDIZER. MATERIAL CAN DECOMPOSE RELEASING OXYGEN WHEN DAMP OR EXPOSED TO STORAGE CONDITIONS GREATER THAN 120°F (49°C). SEE SECTIONS 5 AND 7. DO NOT MIX WITH OTHER PRODUCTS OR CHEMICALS EXCEPT AS DIRECTED ON THE LABEL.

PRINCIPLE ROUTES OF EXPOSURE: EYES, SKIN, INGESTION, INHALATION.

POTENTIAL ACUTE HEALTH EFFECTS

EYES: CORROSIVE. CAUSES EYE BURNS. MAY CAUSE PERMANENT DAMAGE INCLUDING BLINDNESS WITHOUT IMMEDIATE FIRST AID TREATMENT.

SKIN: MAY BE SEVERELY IRRITATING TO SKIN.

INHALATION: MAY CAUSE IRRITATION TO NOSE, THROAT AND RESPIRATORY SYSTEM.

INGESTION: CORROSIVE. MAY CAUSE BURNS TO MOUTH, THROAT AND STOMACH.
HARMFUL OR FATAL IF SWALLOWED.

MEDICAL CONDITIONS AGGRAVATED: INDIVIDUALS WITH CHRONIC RESPIRATORY DISORDERS SUCH AS ASTHMA, CHRONIC BRONCHITIS, EMPHYSEMA, ETC., MAY BE MORE SUSCEPTIBLE TO IRRITATING EFFECTS.

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	% BY WT	LC50/LD50
SODIUM PERCARBONATE	15630-89-4	40.0 – 50.0	N.AV.
SODIUM CARBONATE	497-19-8	10.0 – 20.0	N.AV.
STATE RIGHT TO KNOW: THIS PRODUCT CONTAINS: SODIUM BICARBONATE/144-55-8, SODIUM CARBONATE/497-19-8, SODIUM PERCARBONATE/15630-89-4, TETRAACETYL ETHYLENE DIAMINE/10543-57-4			

4. FIRST AID MEASURES

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EYES: IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR 15-20 MINUTES, KEEPING EYELIDS OPEN. **SKIN:** IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. REMOVE AND WASH CONTAMINATED CLOTHING AND FOOTWEAR BEFORE RE-USE. **IF SWALLOWED:** RINSE MOUTH. GIVE A CUPFUL OF WATER OR MILK. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

INHALATION: IF BREATHING IS AFFECTED, REMOVE TO FRESH AIR.

ADMINISTER FIRST AID TREATMENT AS STATED ABOVE, THEN CALL 1-866-923-4913 OR CONTACT PHYSICIAN FOR FURTHER MEDICAL INSTRUCTIONS.

NOTE TO PHYSICIAN: CALL 1-866-923-4913 FOR ASSISTANCE WITH THE MANAGEMENT OF EXPOSURES.

5. FIRE-FIGHTING MEASURES

FLAMMABILITY: TEMPERATURE WARNING: MATERIAL CAN DECOMPOSE RELEASING OXYGEN WHEN DAMP OR EXPOSED TO CONDITIONS GREATER THAN 120°F (49°C) WHICH CAN CAUSE FIRE.

FLASH POINT: N.A.P.

PRODUCTS OF COMBUSTION: SEE SECTION 10.

SUITABLE EXTINGUISHING MEDIA: FOR FIRES IN AREA, USE APPROPRIATE MEDIA. FOR EXAMPLE: WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, OR ALCOHOL FOAM.

SPECIFIC HAZARDS: MATERIAL CAN DECOMPOSE RELEASING OXYGEN WHEN DAMP OR EXPOSED TO STORAGE CONDITIONS GREATER THAN 120°F (49°C). DECOMPOSITION RELEASES OXYGEN, WHICH MAY INTENSIFY FIRE.

SPECIFIC METHODS: NORMAL FIRE FIGHTING PROCEDURES MAY BE USED.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: SEE SECTION 8.

SPILL RESPONSE: EVACUATE UNPROTECTED PERSONNEL FROM AREA. WEAR PROPER PROTECTIVE EQUIPMENT. CAREFULLY SWEEP UP AND SHOVEL INTO DRY CONTAINERS WITHOUT RAISING DUST. COVER CONTAINERS AND MOVE CONTAINERS OUT OF SPILL AREA. AFTER SPILL COLLECTION, FLUSH AREA WITH WATER AND FOLLOW WITH NORMAL CLEAN-UP PROCEDURES. BE CAREFUL AS SPILLS ARE SLIPPERY.

7. HANDLING AND STORAGE

HANDLING: FOLLOW ALL LABEL DIRECTIONS. INSTRUCT PERSONNEL ABOUT PROPER USE, HAZARDS, PRECAUTIONS, AND FIRST AID MEASURES. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. DO NOT TASTE OR SWALLOW. REMOVE AND WASH CONTAMINATED CLOTHING AND FOOTWEAR BEFORE RE-USE. WASH THOROUGHLY AFTER HANDLING. DO NOT BREATHE DUST OR MIST. OXIDIZER. USE ONLY WITH ADEQUATE VENTILATION. DO NOT MIX WITH OTHER PRODUCTS OR CHEMICALS EXCEPT IN THE WASHING MACHINE AS DIRECTED. RESEAL CONTAINER TO PREVENT MOISTURE CONTAMINATION. DO NOT GET WATER INSIDE CONTAINER. IF WATER GETS INTO THE CONTAINER, DO NOT RESEAL. REMOVE WET PRODUCT FROM CONTAINER AND PROPERLY DISPOSE OF MATERIAL. (SEE SECTION 6.). PRODUCT RESIDUE MAY REMAIN ON/IN EMPTY CONTAINERS. ALL PRECAUTIONS FOR HANDLING THE PRODUCT MUST BE USED IN HANDLING THE EMPTY CONTAINER AND RESIDUE.

STORAGE: ROTATE STOCK REGULARLY. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID TEMPERATURES ABOVE 120°F. STORAGE AT AMBIENT TEMPERATURES IN A DRY AREA OUT OF DIRECT SUNLIGHT IS RECOMMENDED. KEEP AWAY FROM FOOD AND DRINK. DO NOT STORE WITH INCOMPATIBLE MATERIALS SUCH AS FLAMMABLE, OXIDIZABLE OR ACIDIC SUBSTANCES. KEEP OUT OF CHILDREN'S REACH.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE LIMITS: N.AV.**ENGINEERING CONTROLS:** NONE REQUIRED. GENERAL ROOM VENTILATION IS ADEQUATE.**PERSONAL PROTECTION****EYES:** CHEMICAL-SPLASH GOGGLES AND AN EYE WASH STATION.**HANDS:** CHEMICAL-RESISTANT GLOVES: RUBBER OR NEOPRENE. LONG TYPE IF NEEDED.**RESPIRATORY:** WEAR DUST MASK IF HANDLING CREATES AIR-BORNE DUST.**FEET:** WEAR PROTECTIVE FOOTWEAR DURING SPILL CLEAN-UP & WHEN EXPOSURE IS POSSIBLE.**BODY:** IF MAJOR EXPOSURE IS POSSIBLE, WEAR FULL-COVER PROTECTIVE CLOTHING.**9. PHYSICAL AND CHEMICAL PROPERTIES****COLOR:** WHITE**ODOR:** PUNGENT**pH CONCENTRATE:** N.AP.**pH @ 2500 PPM SOLUTION:** 10.5 (BASIC)**pH @ USE DILUTION:** N.AV.**PHYSICAL STATE:** GRANULAR POWDER**SPECIFIC GRAVITY:** N.AP.**VISCOSITY:** N.AP.**BOILING POINT:** N.AP.**MELTING POINT:** N.AP.**FLASH POINT:** N.AP.**UEL:** N.AP.**LEL:** N.AP.**EVAPORATION RATE:** N.AP.**ODOR THRESHOLD:** N.AP**VAPOR PRESSURE:** N.AP**VAPOR DENSITY:** N.AP.**COEFF. OIL/WATER:** N.AP.**WATER SOLUBILITY:** MODERATE**OTHER:** N.AP.**10. STABILITY AND REACTIVITY****STABLE:** YES**CONDITIONS TO AVOID:** TEMPERATURE WARNING: MATERIAL CAN DECOMPOSE RELEASING OXYGEN WHEN DAMP OR EXPOSED TO CONDITIONS GREATER THAN 120°F (49°C) WHICH CAN CAUSE FIRE. AVOID HIGH HUMIDITY AND STRONG SUNLIGHT FOR PROLONGED PERIODS. PROLONGED EXPOSURE TO HEAT ABOVE 120°F (49°C).**MATERIALS TO AVOID:** AVOID STRONG ACIDS, REDUCING AGENTS AND FLAMMABLE MATERIALS. DO NOT MIX WITH ANY OTHER PRODUCT OR CHEMICAL. MIX ONLY WITH WATER.**DECOMPOSITION PRODUCTS:** OXYGEN.**POSSIBILITY OF HAZARDOUS REACTIONS:** AVOID MIXING DIRECTLY WITH ACIDS.**11. TOXICOLOGICAL INFORMATION****ACUTE EFFECTS:** SEE SECTION 2.**CHRONIC EFFECTS:** NONE KNOWN. NO REPORTABLE CARCINOGENS, MUTAGENS, SENSITIZERS, SYNERGISTIC MATERIALS, TERATOGENS, OR REPRODUCTIVE TOXINS.**LC50/LD50:** ORAL LD50 ESTIMATED TO BE BETWEEN 1000 - 2000 MG/KG ; DERMAL LD50 ESTIMATED TO BE >2000 MG/KG.**TARGET ORGANS:** NONE KNOWN.**OTHER TOXIC EFFECTS:** NONE KNOWN.

12. ECOLOGICAL INFORMATION

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NOT AVAILABLE.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: COMPLY WITH ALL FEDERAL, STATE, PROVINCIAL AND LOCAL LAWS AND REGULATIONS. CONSULT STATE AND LOCAL AUTHORITIES FOR RESTRICTIONS ON DISPOSAL OF CHEMICAL WASTE. MANAGE CHEMICAL WASTES THROUGH AN APPROVED WASTE TREATMENT FACILITY. DO NOT REUSE EMPTY CONTAINER. RINSE EMPTY CONTAINER THOROUGHLY WITH WATER BEFORE DISCARDING CONTAINER IN ACCORDANCE WITH CURRENT LOCAL COMMUNITY CODES. PLEASE RECYCLE EMPTY CONTAINER WHENEVER POSSIBLE.

14. TRANSPORT INFORMATION

DOT/TDG: NOT REGULATED.

IATA: AIR SHIPMENT IS PROHIBITED.

IMDG: MARINE SHIPMENT IS PROHIBITED.

ADDITIONAL INFORMATION: TEMPERATURE WARNING: MATERIAL CAN DECOMPOSE RELEASING OXYGEN WHEN DAMP OR EXPOSED TO CONDITIONS GREATER THAN 120°F (49°C) WHICH CAN CAUSE FIRE. KEEP CONTAINER TIGHTLY SEALED. DO NOT DOUBLE STACK PALLETS. DO NOT SHIP NEAR FLAMMABLES, OXIDIZERS OR ACIDS. DO NOT EXPOSE TO HEAT GREATER THAN 120°F (49°C). IMMEDIATELY DISPOSE OF WET OR DAMAGED PACKAGES OR PALLETS.

15. REGULATORY INFORMATION

EPA CERCLA RQ: N.AP.

EPA REGISTERED: NO

OSHA HAZARDOUS: YES

PHOSPHORUS CONTENT: 0.00%

PROPOSITION 65: N.AP.

SARA 311/312 HAZARDS: ACUTE, REACTIVITY

SARA 313 CHEMICALS: N.AP.

STATE RIGHT TO KNOW: SEE SECTION 3 FOR STATE RTK CHEMICAL NAMES.

TSCA INVENTORY STATUS: ALL COMPONENTS ARE LISTED ON THE INVENTORY.

VOC: 0.00% CALCULATION METHOD USED IS BASED ON CALIFORNIA ARB STANDARD.

WHMIS CLASS: C (OXIDIZING MATERIAL) , D-2B (TOXIC MATERIAL)

16. OTHER INFORMATION

NFPA RATING: HEALTH-3/FLAMMABILITY-0/REACTIVITY-1/SPECIAL HAZARD-OX

HMIS RATING: HEALTH-3/FLAMMABILITY-0/REACTIVITY-1/PERSONAL PROTECTION-SEE 8.0

N.AV. = NOT AVAILABLE N.AP. = NOT APPLICABLE

PREPARED BY: HEALTH AND SAFETY

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